

2122
A
219.40391X00IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Praveen K. PARVATHALA et al.

Application No.: 09/922,639

Filing Date: August 7, 2001

Title: TOOL FOR GENERATING A RE-GENERATIVE
FUNCTIONAL TEST

Art Unit: 2122

Examiner: Not yet assigned

RECEIVED

OCT 04 2001

Group 2100

RECEIVED

OCT 01 2001

Technology Center 2100

PRELIMINARY AMENDMENTAssistant Commissioner of Patents
Washington, D.C. 20231

September 27, 2001

Sir:

Prior to examination, please enter thereto the following Preliminary Amendment.

IN THE CLAIMS:Please **amend** claims 2-3, 5, 7-13, 18-19, 21-24, 28-29, and 31-33, as follows:

1 2. (Amended) The system as claimed in claim 1, wherein said SBE generation tool
2 comprises:
3 a random instruction test generator (RIT-G) composer to receive the user directives
4 and the instruction information and generate a compact RIT-G code;
5 a test execution directive composer to receive the user directives and the device
6 constraints and create a run time environment to enable the re-generative functional test to
7 repeatedly generate functional tests and execute generated tests on-board the complex device